

Title (en)

A FIBER PROBE THAT EMITS A PAIR OF RING BEAMS FOR LASER ABLATION

Title (de)

FASERSONDE, DIE EIN RINGSTRAHLENPAAR ZUR LASERABLATION AUSSENDET

Title (fr)

SONDE À FIBRE ÉMETTANT UNE PAIRE DE FAISCEAUX CIRCULAIRES POUR L'ABLATION LASER

Publication

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Application

**EP 18859923 A 20180921**

Priority

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Abstract (en)

[origin: WO2019059870A2] The invention is a laser ablation device which, emitting double ring beam at the tip, is used in treatment, without permanent damage and scar, of natural diseases like venous insufficiency, of subsequently-formed diseases like fistula or of hemorrhoids formed as damaging of vein in short distance and etc. Characterized by comprising a fiber probe (40) with two different conical angled surfaces where the rays guided through inside the fiber are reflected at fiber tip (10) via a first conical shaped-end formed at a first specific angle ( $\theta$ ) at fiber's tip and a second conical shaped-end formed at different second specific angle ( $\alpha$ ) by starting from a certain portion of the first conical shaped-end

IPC 8 full level

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Citation (search report)

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